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Halocarbons and the stratospher  
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## HALOCARBONS AND THE STRATOSPHERIC OZONE LAYER Compiled by George D. Havas

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**SCOPE:** This guide lists information sources which deal with the deleterious effect of halocarbons (fluorocarbons, chlorocarbons, and chlorofluorocarbons (CFCs)) on the stratospheric ozone layer which shields the earth and its inhabitants from excessive ultraviolet radiation from the sun. Chlorofluorocarbons are compounds, similar to hydrocarbons, in which most, or all, of the hydrogen atoms have been replaced by various combinations of fluorine and chlorine atoms. Not intended to be a comprehensive bibliography, this guide is designed--as the name of the series implies--to put the reader "on target."

### INTRODUCTIONS TO THE TOPIC

Cicerone, Ralph J. Chlorofluorocarbons. In McGraw-Hill encyclopedia of science and technology. v. 8. New York, McGraw-Hill, 1987. p. 303. Q121.M3 1987\*

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**SUBJECT HEADINGS** used by the Library of Congress, under which publications on this subject can be located in most card, book, and online catalogs include the following:

AEROSOLS--ENVIRONMENTAL ASPECTS (Highly relevant)  
ATMOSPHERIC CHEMISTRY (Highly relevant)  
ATMOSPHERIC OZONE (Highly relevant)  
ATMOSPHERIC OZONE--ENVIRONMENTAL ASPECTS (Highly relevant)  
ATMOSPHERIC OZONE--REDUCTION (Highly relevant)  
ATMOSPHERIC OZONE--RESEARCH (Highly relevant)  
CHLOROFLUOROCARBONS (Highly relevant)  
CHLOROFLUOROCARBONS--GOVERNMENT POLICY (Highly relevant)  
CHLOROFLUOROCARBONS--ENVIRONMENTAL ASPECTS  
(Highly relevant)  
FLUOROCARBONS (Highly relevant)  
FLUOROCARBONS--ENVIRONMENTAL ASPECTS (Highly relevant)  
HALOCARBONS (Highly relevant)  
OZONE LAYER (Highly relevant)  
OZONE LAYER DEPLETION (Highly relevant)  
STRATOSPHERE--(Highly relevant)  
STRATOSPHERE--RESEARCH (Highly relevant)  
AEROSOLS (Relevant)  
ATMOSPHERE, UPPER (Relevant)  
CLIMATIC CHANGES (Relevant)  
GREENHOUSE EFFECT, ATMOSPHERIC (Related)

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ABSTRACTING AND INDEXING SERVICES that index relevant periodical articles and other literature are listed below. Some terms are suggested as aids in searching.

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Chlorofluoromethanes  
Fluorocarbons

Environment Abstracts (1971-) GF1.E553\*

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Chlorofluoromethanes  
Fluorinated Hydrocarbons  
Halocarbons

Environmental Periodicals Bibliography (1972-) Z5863.E57E58\*

See: Chlorofluorocarbons

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See: Air--Halocarbon content  
Fluorocarbons  
Halocarbons  
Ozone

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Halocarbons

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QC851.A62\*

See: Chlorofluorocarbons in the Atmosphere  
Ozone-aerosol Relationships  
Ozone-atmospheric Pollution Relationships  
Ozone Destruction

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Ozone, Stratosphere  
Stratosphere, Boundary Layers  
Stratosphere, Ozone

Readers' Guide to Periodical Literature (1900-) AI3.R45

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Fluorocarbons  
Halocarbons

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Zurer, Pamela S. Arctic ozone  
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Chlorofluorocarbons  
Fluorocarbons  
Fluorohydrocarbons

International Aerospace Abstracts (1961-) TL500.I57\*

See: Fluorocarbons  
Ozone Depletion

Scientific and Technical Aerospace Reports (1963-) TL500.S35\*

See: Fluorocarbons

**SELECTED TECHNICAL REPORTS**, sold by the National Technical Information Service, Springfield, Virginia 22161, include the following:

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#### ADDITIONAL SOURCES OF INFORMATION

American Meteorological Society  
45 Beacon Street  
Boston, Massachusetts 02108  
Telephone: (617) 227-2425

United Nations  
World Meteorological Organization  
Caise postale No. 5  
CH-1211 Geneve 20  
Switzerland  
Telephone: (41 22) 34 64 00

U.S. Environmental Protection Agency  
Office of Public Affairs (A-107)  
401 M Street, S.W.  
Washington, D.C. 20460  
Telephone: (202) 382-4361